

Title (en)
STEERING WHEEL ASSEMBLY

Publication
EP 0022679 B1 19830727 (EN)

Application
EP 80302383 A 19800716

Priority
US 5794079 A 19790716

Abstract (en)
[origin: ES8105652A1] A steering wheel assembly having an energy absorbing sleeve 13 supported on a hub 12 and a steering wheel 14 supported on the sleeve. The energy absorbing sleeve has a plurality of concentric, substantially rectangular rings 19 formed in stepped relationship to provide essentially crush force throughout its range of usable crush. The steering wheel 14 comprises an armature 15 forming a housing 22 for the energy absorbing sleeve, the upper end of the housing being complementary to the rectangular configuration of the sleeve. The armature further has an annular rim core 24 and a plurality of spokes 25 extending from the housing to the rim core. The housing 22, the spokes 25 and the rim core 24 are integrally molded of plastic, preferably a polycarbonate selected for its impact strength over a wide temperature range.

IPC 1-7
B62D 1/04

IPC 8 full level
B62D 1/04 (2006.01); **B62D 1/11** (2006.01)

CPC (source: EP US)
B62D 1/04 (2013.01 - EP US); **B62D 1/11** (2013.01 - EP US); **Y10T 74/20834** (2015.01 - EP US)

Cited by
US5165302A; DE3048771A1; EP0683072A1; EP0733515A1; US6026707A; EP0309316A1; FR2620996A1; US4875387A; EP0504963A1; US5445048A

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EP 0022679 A1 19810121; **EP 0022679 B1 19830727**; AU 535883 B2 19840412; AU 6041680 A 19810122; DE 3064402 D1 19830901; ES 493402 A0 19810616; ES 8105652 A1 19810616; US 4280372 A 19810728

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